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(54) FRONT HOOD STRUCTURE FOR VEHICLE

(57) Abstract:

PROBLEM TO BE SOLVED: To ensure bending deformation of a front hood in the case of application of an excessive shock load so as to surely prevent the front hood from penetrating a windshield.

SOLUTION: The front hood 10 constructed of an outer panel 11 and inner panel 21 is provided with a main vertical reinforcement structure provided with a side part vertical reinforcements 24, 25 formed along both side edges of the inner panel 11, a front part vertical reinforcement 23 formed along the front edge of the inner panel 11 and connected to the front ends of the side part vertical reinforcements 24, 25 at the both ends, and a pair of slant reinforcements 31, 32 arranged in the middle between the central part of the front vertical reinforcement 23 and the middle of the side vertical reinforcements 24, 25. In the respective parts of the main vertical reinforcement structure crossing a bending line (a) along the vehicle width direction substantially in the vicinities of the

connection parts between the side vertical reinforcements 24, 25 and the slant reinforcements 31, 32, bead parts 24a, 25a, 31a, 32a are formed.

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